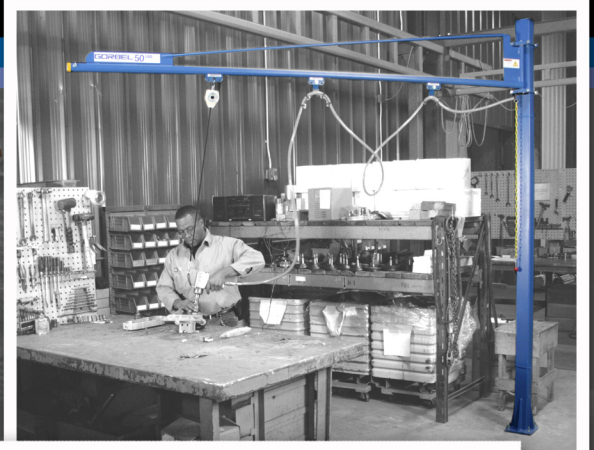
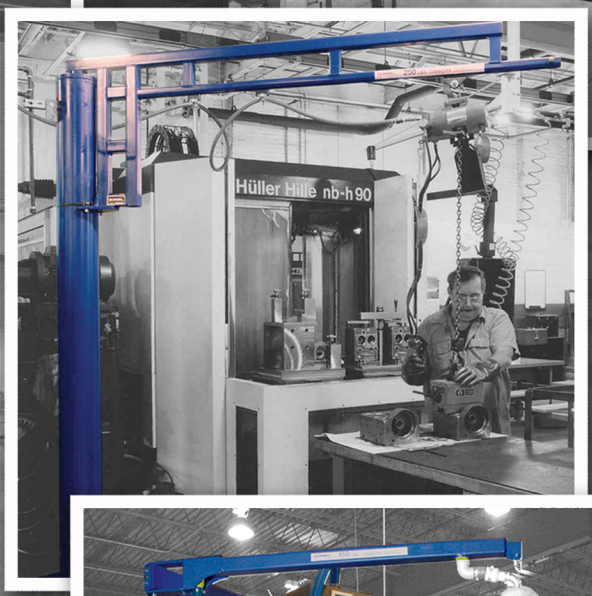
GORBEL®
A CLASS ABOVE
www.gorbel.com





CRANES

JIB CRANES

Capacities from 50 pounds to 5 tons

- Performance I-Beam Jibs
- Enclosed Track Work Station Jibs
- Articulating Jibs
- Light Duty Tool Suspension Jibs
- PIVOT PRO® Vacuum Sealed Jibs

TAYLOR
MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

TAYLOR
MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

Why Choose Gorbel® Products?

1. **Industry's Best Warranty**
We are proud to offer a ten year (20,000 hour) warranty on manually operated crane systems. With this warranty, our customers are guaranteed years of quality, dependable service.

2. **Quick Ship Programs**
Gorbel offers a 5-Day Quick Ship program which means that most cranes and most components can ship in five working days. Fast, reliable, on time shipments are just one of many ways Gorbel is working with our customers to make it easier to purchase our products. Optional two and three day shipments are also available at a premium.

3. **Reliability**
Since 1996 our on-time shipping percentage has been over 99%. We're proud that our customers can rely on us to ship their orders on time, keeping to their installation schedules. No other manufacturer in the industry can offer five day shipping and a 99% on-time rate.

4. **Ease of Installation**
We've been told time and time again that our products are much easier to install than others in the industry.

5. **"If it's late, we pay the freight"**
With this program if we don't have an order ready to ship on or before the scheduled ship date, we will pay the freight for the order. Contact your local Gorbel® dealer for details.

6. **Multiple Shipping Points**
With manufacturing facilities in Fishers, New York; Pell City, Alabama; and Tianjin, China, we are able to offer multiple shipping points, decreasing shipping costs to our customers.

7. **Extensive Dealer Network**
Our network of dealers extends across North America and many countries internationally, making it easier for a trained local material handling sales consultant to provide the best solution for your needs.

8. **Customer Service Support**
Our customer service teams are the best in the industry.

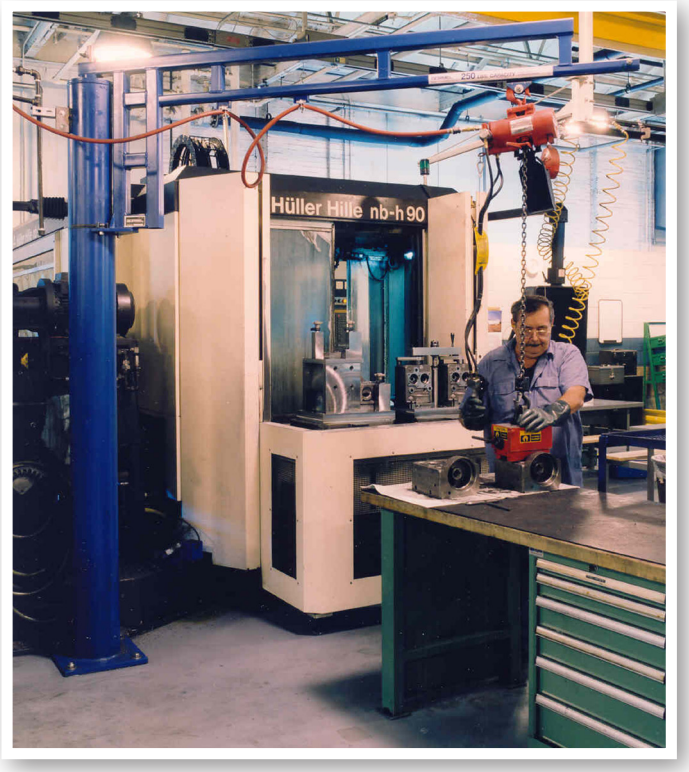
Selecting Your Jib Crane

	Crane Type	Best Use	Standard Capacities	Standard Spans	Motorized Option	Special Foundation Requirements	Beam Type	Page Number
Performance	**Free Standing I-Beam Jibs**	Heavy duty, high productivity applications	1/4 ton - 5 tons	8'- 20'	●	Some designs	Structural beam	4-5
	Wall Bracket Jibs	An economical heavy duty solution	1/2 ton - 5 tons	8'- 30'	●	None	Structural beam	6-7
	Wall Cantilever Jibs	An ideal jib for maximizing headroom	1/4 ton - 5 tons	8'- 20'	●	None	Structural beam	8-9
	Mast Type Jibs	Reduced thrust and pull	1/4 ton - 5 tons	10' - 20'	●	None	Structural beam	10-11
Enclosed Track	**Work Station Jibs**	Lower capacity, high productivity applications	Up to 2000 pounds	4' - 16'		Some designs	Enclosed track	14-16
	Aluminum Wall Bracket Jibs	Easiest movement with minimal bounce	Up to 2000 pounds	4' - 20'		None	Enclosed track	17
	Tool Support Jibs	Suspension of tools, management of cables	50 - 150 pounds	4' - 12'		None	Enclosed track	18-19
Articulating	**Articulating Jibs**	Reaching around corners or into machines	Up to 2000 pounds	8' - 16'		Some designs	Tubing	22-24
	PIVOT PRO®	Optimized to pair with vacuum tube lifters and air hoists	Up to 150 pounds	8' - 12'		None	Tubing	25-27

Work Station Jib Cranes

Lighter capacity, easy rolling enclosed track jibs

Gorbel® Work Station Jib Cranes provide excellent coverage in circular areas not efficiently served by a main crane. They're ideal for supporting tool balancers, air balancers, hoists, vacuum lifters and welding wire feeders. And they can handle up to 200° rotation when column or wall mounted, and up to 360° rotation when floor mounted.



Gorbel's Advantage:

Easy Movement

Gorbel® Work Station Jib Cranes are easier to move and position than traditional I-beam jibs. The cold-formed, high-strength enclosed track design keeps rolling surfaces clean, contributing to easier movement and longer life. The track's low weight-per-foot reduces the dead weight of the boom. And all Gorbel® enclosed track profiles feature 2° taper in the lower running flange which helps center the trolley in the track, increasing wheel life and allowing smooth rolling of the trolleys.

Unsurpassed Ease of Rotation

The steel enclosed track work station jibs (WSJ360, WSJ200, TSJ50 and TSJ150) weigh less and rotate easier than traditional I-beam cranes. The aluminum wall mounted jibs (AL100) feature extruded aluminum enclosed track that is lighter in weight for even easier movement of the boom.

Precise Load Positioning

A hoist trolley with low rolling resistance and lubricated-for-life sealed bearings combined with easy rotation of the boom help to precisely position and spot loads.

DURACOMP 4® Wheels

Gorbel® trolley wheels are made of DURACOMP 4® - a food grade material that outperforms steel wheels in endurance and destructive testing. Wheels are tapered to match the track flange's 2° taper, which enhances wheel life and keeps the trolleys running smoothly.

Pre-engineered for Powered Hoists

Hoist trolleys are included in the base price of all Gorbel® Work Station Jib Cranes. A factor of 15% of the jib capacity is allowed for the weight of the hoist, trolley and below-the-hook device. A factor of 25% of the jib capacity is allowed for impact (covers hoist speeds up to 50 fpm).

Work Station Jib Reduces Worker Injuries

This customer was changing the chuck on a CNC machine by hand, requiring two men and causing physical injuries. The company wanted to reduce back injuries while maximizing safety and ergonomics.

The customer first looked at a Gorbel® WSJ360 but there was not enough room between the machines for the footings. Monorails were unable to cover the entire area.

The Gorbel® WSJ200 Work Station Jib Crane was the most cost effective and least disruptive solution. It allowed the maintenance to be performed by only one person and reduced the risk of back injury. With no footing, it allowed the customer to maximize their work space.

TAYLOR MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

WSJ360 Free Standing Work Station Jib Cranes

360° Rotation

In most cases, Gorbel® WSJ360 Free Standing Series Jib Cranes can be bolted directly to your existing floor without adding special foundations (see the specific product information on the pages that follow for more details). Installation and adjustment are easy with our eccentric cam followers. Free Standing Work Station Jibs are available in capacities to 1000 lb. and spans up to 16'. See pages 14-15 for details.

WSJ200 Wall Cantilever Work Station Jib Cranes

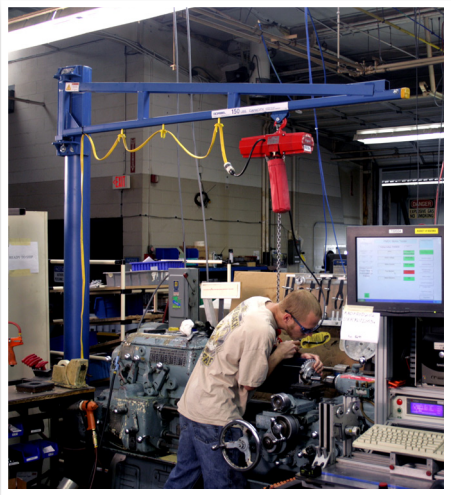
200° Rotation

The wall or column mounted WSJ200 crane uses tapered roller bearings at the pivot points for unsurpassed ease of rotation. The cantilevered design of the WSJ200 allows for maximum headroom. Wall Cantilever Work Station Jib Cranes are available in capacities to 1000 lb. and spans up to 16'. See page 16 for details.

AL100 Wall Bracket Work Station Jib Cranes

200° Rotation

The AL100 Wall Bracket Work Station Jib Crane utilizes Gorbel's patented light weight, high-strength extruded aluminum enclosed track for its boom. This revolutionary new aluminum track reduces the rotational dead weight of the boom by 56% to 68%, allowing the AL100 to rotate up to 40% easier than a comparable I-beam jib. Sufficient clearance throughout the arc of the boom must exist to accommodate the tie rod suspension. AL100 jibs are available in capacities to 2000 lb. with spans up to 20'. See page 17 for details.



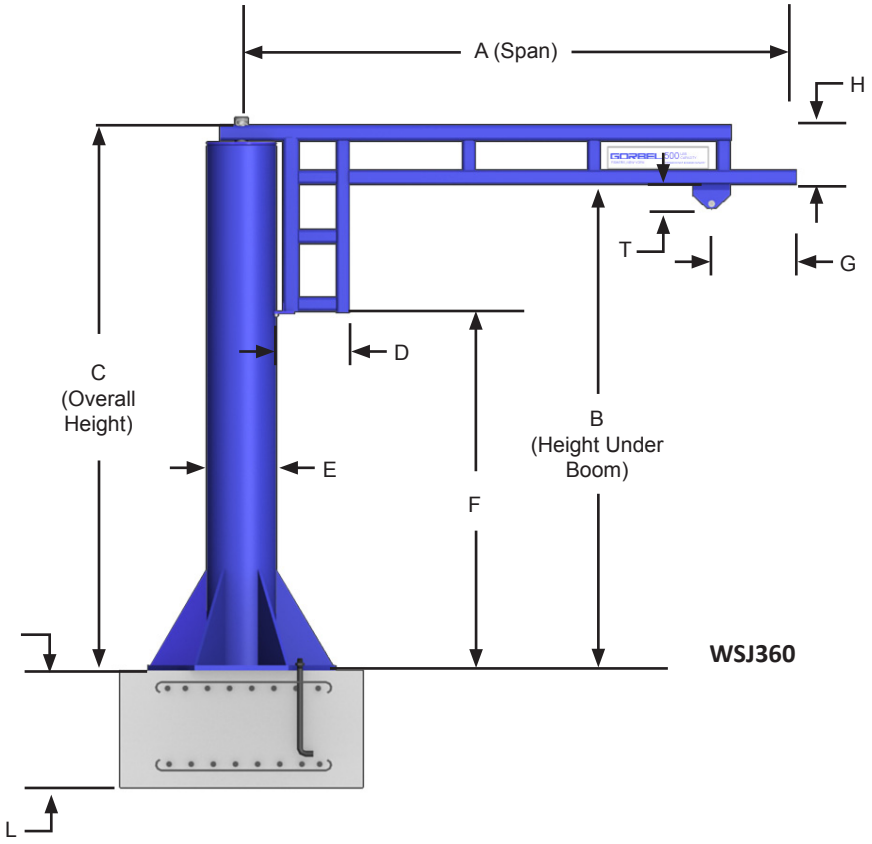
TSJ50 & TSJ150 Tool Solution Jib Cranes

Up to 200° Rotation

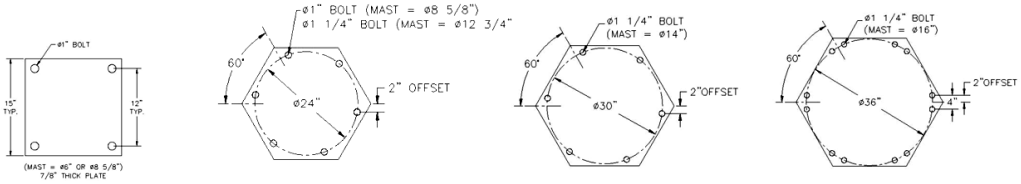
Gorbel's Tool Solutions jib cranes were designed to be a durable, lightweight option for applications with suspended tooling or light duty lifting. The small footprint of these cranes makes installation possible in small areas, such as between machines. Tool Solution Jibs are available in 50 lb. and 150 lb. capacities with spans up to 12'. See pages 18-19 for details.

TAYLOR MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

WSJ360 Free Standing Work Station Jibs: 360° Rotation



Base Bolt Patterns



WSJ360 is available in stainless steel for models with 250 or 500 lb. capacities.

Jib crane foundation requirements are based on a soil pressure of 2500# per square foot. Concrete recommended for jib crane foundation is 3000# per square inch of compressive force.

Standard hoist trolley and end stops included in the base price. Festooning, anchor bolts and installation templates are optional. Hoist by others. Dimensions and design details subject to change without notice. Existing floor should have no cracks or seams within a 48" square area around center of mast.

WSJ360 Portable Base: To allow a WSJ360 to be lifted with a lift truck and transported to multiple locations, a portable base is required.

TAYLOR
MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

WSJ360 Free Standing Work Station Jibs: 360° Rotation

CAPACITY	HUB (B)	SPAN (A)	MODEL NUMBER	TRACK SERIES	WEIGHT	C	D	E	F	G	H	L	T	BOLT QTY.	ANCHOR BOLT LOAD
						in	in	in	in	in	in	in	in		
150#	8'	8'	WSJ360-150-8-8	250	390#	108-1/4	9-3/4	6-5/8	73-7/8	5	9	6	1-1/2	4	820#
		10'	WSJ360-150-8-10	250	411#	108-1/4	9-3/4	6-5/8	73-7/8	5	9	6	1-1/2	4	1100#
		12'	WSJ360-150-8-12	250	443#	111-1/4	12-3/4	6-5/8	64-7/8	5	12	6	1-1/2	4	1390#
		14'	WSJ360-150-8-14	500	511#	113-3/4	16-1/4	6-5/8	55-7/8	7-1/8	15	6	2-7/8	4	1830#
		16'	WSJ360-150-8-16	500	589#	113-3/4	16-1/4	8-5/8	55-7/8	7-1/8	15	6	2-7/8	4	2190#
	10'	8'	WSJ360-150-10-8	250	427#	132-1/4	9-3/4	6-5/8	97-7/8	5	9	6	1-1/2	4	810#
		10'	WSJ360-150-10-10	250	448#	132-1/4	9-3/4	6-5/8	97-7/8	5	9	6	1-1/2	4	1090#
		12'	WSJ360-150-10-12	250	487#	135-1/4	12-3/4	6-5/8	88-7/8	5	12	6	1-1/2	4	1380#
		14'	WSJ360-150-10-14	500	549#	137-3/4	16-1/4	6-5/8	79-7/8	7-1/8	15	6	2-7/8	4	1820#
		16'	WSJ360-150-10-16	500	634#	137-3/4	16-1/4	8-5/8	79-7/8	7-1/8	15	6	2-7/8	4	2180#
	12'	8'	WSJ360-150-12-8	250	465#	156-1/4	9-3/4	6-5/8	121-7/8	5	9	6	1-1/2	4	800#
		10'	WSJ360-150-12-10	250	486#	156-1/4	9-3/4	6-5/8	121-7/8	5	9	6	1-1/2	4	1080#
		12'	WSJ360-150-12-12	250	519#	159-1/4	12-3/4	6-5/8	112-7/8	5	12	6	1-1/2	4	1370#
		14'	WSJ360-150-12-14	500	630#	161-3/4	16-1/4	8-5/8	103-7/8	7-1/8	15	6	2-7/8	4	1800#
		16'	WSJ360-150-12-16	500	679#	161-3/4	16-1/4	8-5/8	103-7/8	7-1/8	15	6	2-7/8	4	2170#
250#	8'	8'	WSJ360-250-8-8	250	461#	108-1/4	9-3/4	6-5/8	73-7/8	5	9	6	1-1/2	4	1310#
		10'	WSJ360-250-8-10	250	499#	111-1/4	12-3/4	6-5/8	64-7/8	5	12	6	1-1/2	4	1730#
		12'	WSJ360-250-8-12	500	562#	114-1/4	12-3/4	8-5/8	55-7/8	7-1/8	15	36	2-7/8	6	910#
		14'	WSJ360-250-8-14	500	613#	113-3/4	16-1/4	8-5/8	55-7/8	7-1/8	15	36	2-7/8	6	1140#
		16'	WSJ360-250-8-16	500	661#	113-3/4	16-1/4	8-5/8	55-7/8	7-1/8	15	36	2-7/8	6	1370#
	10'	8'	WSJ360-250-10-8	250	535#	132-1/4	9-3/4	8-5/8	97-7/8	5	9	6	1-1/2	4	1290#
		10'	WSJ360-250-10-10	250	574#	135-1/4	12-3/4	8-5/8	88-7/8	5	12	6	1-1/2	4	1710#
		12'	WSJ360-250-10-12	500	607#	138-1/4	12-3/4	8-5/8	79-7/8	7-1/8	15	36	2-7/8	6	900#
		14'	WSJ360-250-10-14	500	658#	137-3/4	16-1/4	8-5/8	79-7/8	7-1/8	15	36	2-7/8	6	1130#
		16'	WSJ360-250-10-16	500	706#	137-3/4	16-1/4	8-5/8	79-7/8	7-1/8	15	36	2-7/8	6	1360#
	12'	8'	WSJ360-250-12-8	250	580#	156-1/4	9-3/4	8-5/8	121-7/8	5	9	6	1-1/2	4	1280#
		10'	WSJ360-250-12-10	250	618#	159-1/4	12-3/4	8-5/8	112-7/8	5	12	6	1-1/2	4	1700#
		12'	WSJ360-250-12-12	500	651#	162-1/4	15-3/4	8-5/8	103-7/8	7-1/8	15	36	2-7/8	6	890#
		14'	WSJ360-250-12-14	500	702#	161-3/4	16-1/4	8-5/8	103-7/8	7-1/8	15	36	2-7/8	6	1120#
		16'	WSJ360-250-12-16	500	891#	161-3/4	16-1/4	12-3/4	103-7/8	7-1/8	15	36	2-7/8	6	1310#
500#	8'	8'	WSJ360-500-8-8	500	518#	111-1/4	12-3/4	8-5/8	64-7/8	7-1/8	12	36	2-7/8	6	1030#
		10'	WSJ360-500-8-10	500	640#	111-1/4	12-5/8	12-3/4	64-7/8	7-1/8	12	36	2-7/8	6	1350#
		12'	WSJ360-500-8-12	500	676#	114-1/4	15-5/8	12-3/4	55-7/8	7-1/8	15	36	2-7/8	6	1710#
		14'	WSJ360-500-8-14	1000	962#	116-1/4	16-1/4	12-3/4	58-3/8	7-7/8	17-1/2	48	3-1/8	6	2140#
		16'	WSJ360-500-8-16	1000	1005#	116-1/4	16-1/4	12-3/4	58-3/8	7-7/8	17-1/2	48	3-1/8	6	2530#
	10'	8'	WSJ360-500-10-8	500	563#	135-1/4	12-3/4	8-5/8	88-7/8	7-1/8	12	36	2-7/8	6	1020#
		10'	WSJ360-500-10-10	500	707#	135-1/4	12-5/8	12-3/4	88-7/8	7-1/8	12	36	2-7/8	6	1340#
		12'	WSJ360-500-10-12	500	743#	138-1/4	15-5/8	12-3/4	79-7/8	7-1/8	15	36	2-7/8	6	1690#
		14'	WSJ360-500-10-14	1000	1004#	140-1/4	16-1/4	12-3/4	82-3/8	7-7/8	17-1/2	48	3-1/8	6	2120#
		16'	WSJ360-500-10-16	1000	1047#	140-1/4	16-1/4	12-3/4	82-3/8	7-7/8	17-1/2	48	3-1/8	6	2520#
	12'	8'	WSJ360-500-12-8	500	749#	159-1/4	12-5/8	12-3/4	112-7/8	7-1/8	12	36	2-7/8	6	980#
		10'	WSJ360-500-12-10	500	773#	159-1/4	12-5/8	12-3/4	112-7/8	7-1/8	12	36	2-7/8	6	1320#
		12'	WSJ360-500-12-12	500	810#	162-1/4	15-5/8	12-3/4	103-7/8	7-1/8	15	36	2-7/8	6	1680#
		14'	WSJ360-500-12-14	1000	1046#	164-1/4	16-1/4	12-3/4	106-3/8	7-7/8	17-1/2	48	3-1/8	6	2110#
		16'	WSJ360-500-12-16	1000	1309#	165-1/4	16-5/8	14	106-3/8	7-7/8	17-1/2	48	3-1/8	6	1880#
1000#	8'	8'	WSJ360-1000-8-8	1000	631#	111-1/4	12-5/8	12-3/4	64-7/8	7-7/8	12	48	3-1/8	6	2080#
		10'	WSJ360-1000-8-10	1000	702#	114-1/4	15-5/8	12-3/4	56-7/8	7-7/8	15	48	3-1/8	6	2690#
		12'	WSJ360-1000-8-12	1000	728#	116-1/4	15-5/8	12-3/4	57-7/8	7-7/8	17	48	3-1/8	6	3370#
		14'	WSJ360-1000-8-14	2000	1202#	118-3/4	18-5/8	14	40	8-1/8	20	48	2-7/8	6	3210#
		16'	WSJ360-1000-8-16	2000	1271#	118-3/4	18-5/8	14	40	8-1/8	20	48	2-7/8	6	3800#
	10'	8'	**WSJ360-1000-10-8**	1000	698#	135-1/4	12-5/8	12-3/4	88-7/8	7-7/8	12	48	3-1/8	6	2020#
		10'	**WSJ360-1000-10-10**	1000	768#	138-1/4	15-5/8	12-3/4	80-7/8	7-7/8	15	48	3-1/8	6	2680#
		12'	**WSJ360-1000-10-12**	1000	795#	140-1/4	15-5/8	12-3/4	81-7/8	7-7/8	17	48	3-1/8	6	3350#
		14'	**WSJ360-1000-10-14**	2000	1264#	142-3/4	18-5/8	14	64	8-1/8	20	48	2-7/8	6	3180#
		16'	**WSJ360-1000-10-16**	2000	1337#	142-3/4	18-5/8	14	64	8-1/8	20	48	2-7/8	6	3770#
	12'	8'	**WSJ360-1000-12-8**	1000	765#	159-1/4	12-5/8	12-3/4	112-7/8	7-7/8	12	48	3-1/8	6	2000#
		10'	**WSJ360-1000-12-10**	1000	835#	162-1/4	15-5/8	12-3/4	104-7/8	7-7/8	15	48	3-1/8	6	2670#
		12'	**WSJ360-1000-12-12**	1000	862#	164-1/4	15-5/8	12-3/4	105-7/8	7-7/8	17	48	3-1/8	6	3340#
		14'	**WSJ360-1000-12-14**	2000	1399#	166-3/4	18-5/8	14	88	8-1/8	20	48	2-7/8	6	3160#
		16'	**WSJ360-1000-12-16**	2000	1548#	166-3/4	18-5/8	16	88	8-1/8	20	48	2-7/8	12	1510#

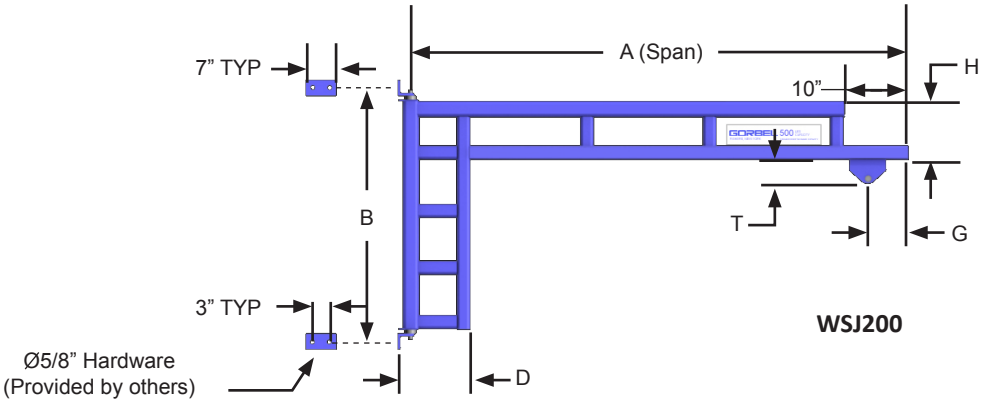
Additional Sizes and Capacities Readily Available

Other spans, heights, and capacities are available by contacting your local Gorbel® dealer.

Note: Dimensions are subject to change without notice.

TAYLOR MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

WSJ200 Wall Cantilever Work Station Jibs: 200° Rotation



WSJ200

CAPACITY	SPAN (A)	MODEL NUMBER	TRACK SERIES	WEIGHT	B	D	G	H	T	THRUST & PULL
					in	in	in	in	in	
150#	8'	WSJ200-150-8	250	160#	36	10-3/8	5	9	1-1/2	612#
	10'	WSJ200-150-10	250	181#	36	10-3/8	5	9	1-1/2	801#
	12'	WSJ200-150-12	250	216#	48	13-3/8	5	12	1-1/2	750#
	14'	WSJ200-150-14	500	282#	60	16-7/8	7-1/8	15	2-7/8	782#
	16'	WSJ200-150-16	500	330#	60	16-7/8	7-1/8	15	2-7/8	932#
250#	8'	WSJ200-250-8	250	160#	36	10-3/8	5	9	1-1/2	962#
	10'	WSJ200-250-10	250	198#	48	13-3/8	5	12	1-1/2	933#
	12'	WSJ200-250-12	500	252#	60	16-3/8	7-1/8	15	2-7/8	945#
	14'	WSJ200-250-14	500	282#	60	16-7/8	7-1/8	15	2-7/8	1160#
	16'	WSJ200-250-16	500	330#	60	16-7/8	7-1/8	15	2-7/8	1366#
500#	8'	WSJ200-500-8	500	188#	48	13-3/8	7-1/8	12	2-7/8	1390#
	10'	WSJ200-500-10	500	213#	48	13-3/8	7-1/8	12	2-7/8	1784#
	12'	WSJ200-500-12	500	252#	60	16-3/8	7-1/8	15	2-7/8	1750#
	14'	WSJ200-500-14	1000	384#	60	16-7/8	7-7/8	17-1/2	3-1/8	2152#
	16'	WSJ200-500-16	1000	416#	60	16-7/8	7-7/8	17-1/2	3-1/8	2512#
1000#	8'	WSJ200-1000-8	1000	204#	48	13-3/8	7-7/8	12	3-1/8	2722#
	10'	WSJ200-1000-10	1000	274#	60	16-3/8	7-7/8	15	3-1/8	2781#
	12'	WSJ200-1000-12	1000	301#	60	16-3/8	7-7/8	17	3-1/8	3394#
	14'	WSJ200-1000-14	2000	546#	72	18-7/8	8-1/8	20	2-7/8	3451#
	16'	WSJ200-1000-16	2000	595#	72	18-7/8	8-1/8	20	2-7/8	4010#

Additional Sizes and Capacities Readily Available
Other spans, heights, and capacities are available by contacting your local Gorbel® dealer.

Note: Dimensions are subject to change without notice.

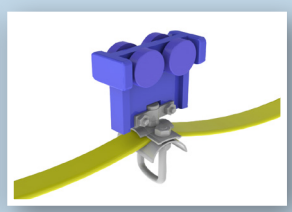
Accessories for Work Station Jib Cranes

Festooning

Festoon Saddle: Gorbel's Tool Solution saddles were designed for applications that require festooning of cables and hoses. The arched saddle with the option of angled mounting creates a very clean, efficient way to manage your cables and wires.

Saddles are available in 3 and 6 inch diameters for various sized festooning with a 75 pound capacity per saddle. The universal mounting plate allows for the saddle to hang in line with the track, or at a 30° angle to assist the cable in self-coiling, taking up less track space and allowing more room for end approach.

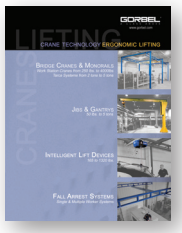
Festoon Gliders are used to support flat electrical cable along the jib boom. No tools are required to attach the festooning to the gliders. *Not available for AL100 jibs.*



Festoon Trolleys are used to support flat cable, air hose or round cable along the jib boom. The trolleys have four wheels and a pivoting festoon saddle support.

TAYLOR MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

OVERVIEW BROCHURE



OVERVIEW DVD

FOR MORE INFORMATION

Your authorized Gorbel® dealer can give you more information on what makes Gorbel's Ergonomic Work Station Cranes and other material handling products "A Class Above."

CRANES

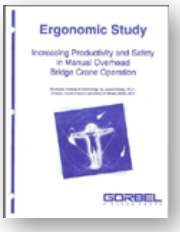
FREE STANDING

CEILING MOUNTED

GANTRY CRANES

CLEVELAND TRAMRAIL®

TOOL SOLUTIONS



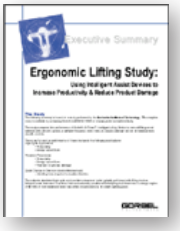
ERGONOMIC STUDY

INTERLOCK/ TRANSFER

TELESCOPING

ERGONOMIC LIFTING

G-FORCE® & EASY ARM®



ERGONOMIC STUDY

FALL ARREST

TETHER TRACK™

TAYLOR
MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

GORBEL®
A CLASS ABOVE

www.gorbel.com

CRANES

GORBEL
600 Fishers Run
PO Box 593
Fishers, NY 14453 USA

T 800.821.0086
T 585.924.6262
F 585.924.6273
E info@gorbel.com

© 2010 Gorbel Inc. All Rights Reserved.